

AMENDMENTS TO THE CLAIMS:

Please amend claim 1 and cancel claim 6 as shown on the following pages. Material inserted is indicated by underlining (insertion) and material deleted is indicated by strike-out (~~deletion~~).

1. (Currently amended) A Fe-Cr-Al-Zr-Ti-Be alloy, containing the elements Fe, Cr, Al, Zr, Ti and Be, said alloy comprising
a balance element of Fe,
a Cr element of 12-30 wt%,
an Al element, ~~wherein the Al element is present in an amount of less than~~ about
3-15 wt%,
a Zr element, wherein the Zr element is present in an amount of less than 1.5 wt%,
a Ti element of 0.0001-0.15 wt%,
and a Be element, ~~wherein the Be element is present in an amount of~~ about 0.001
wt%-less than 0.1 wt%, and wherein said Fe-Cr-Al-Zr-Ti-Be alloy is usable for
electric resistance wires.
2. (Previously Presented) The alloy of claim 1, further comprising at least one rare earth metal, wherein said at one rare earth metal is present in an amount of less than 0.1 wt%.

3. (Previously Presented) The alloy of claim 2, wherein said rare earth metal is misch metal composed of rare earth elements.
4. (Previously Presented) The alloy of claim 3, wherein said rare earth is an element or mixture of at least two elements selected from the group consisting of Sc, La, Ce, Hf, Pd, Y, and Nd.
5. (Previously Presented) The alloy set forth in claim 1, wherein the Be element is present in an amount of less than 0.01 wt%.
6. (Cancelled)
7. (Previously Presented) The alloy of claim 1, wherein the Al element is present in an amount of 3-14 wt%.
8. (Previously Presented) The alloy of claim 1, wherein the Zr element is present in an amount of 0.01-1.5 wt%.
9. (Previously Presented) The alloy of claim 2, wherein the content of said at least one rare earth metal is below 0.1 wt%.

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10. (Previously Presented) The alloy of claim 1, wherein said alloy has a tensile strength of more than 75 Kgf/mm².
 11. (Previously Presented) The alloy of claim 1, wherein said alloy has electric resistance of at least 46,8 Ohm, but not more than 48.3 Ohm.
 12. (Withdrawn) The alloy of claim 1, wherein said alloy is used for a electrical resistance wire.
 13. (Withdrawn) A method of producing a resistance wire comprising providing a Fe-Cr-Ar-Zr-Ti-Be alloy, comprising
a balance element of Fe,
a Cr element of 12-30 wt%,
an Al element, wherein the Al element is present in an amount of less than 15 wt%,
a Zr element, wherein the Zr element is present in an amount of less than 1.5 wt%,
a Ti element of 0.0001-0.1 wt%,
and a Be element, wherein said Be element is present in an amount of less than 0.1 wt%,
and
subjecting said alloy to cold wire drawing and at least one heat treatment.
 14. (Withdrawn) A method of producing a miniaturized heating appliance comprising providing a Fe-Cr-Ar-Zr-Ti-Be alloy, comprising

a balance element of Fe,

a Cr element of 12-30 wt%,

an Al element, wherein the Al element is present in an amount of less than 15 wt%,

a Zr element, wherein the Zr element is present in an amount of less than 1.5 wt%,

a Ti element of 0.0001-0.1 wt%,

and a Be element, wherein said Be element is present in an amount of less than 0.1 wt%,

and

integrating said alloy into an miniaturized heating appliance.